

2(Amended). The method of Claim 1, wherein step (a) comprises compiling a target object and generating a client object comprising a target object interface identifying methods of said target object that support manipulation remotely and a target object stub implementing said [remotely accessible] methods that support manipulation.

7(Amended). A remote access support mechanism at a client station for accessing a target object at a remote station via a telecommunications network, said remote access support mechanism comprising:

a client object forming a representation of said target object, which client object identifies methods of said target object which are accessible remotely and implements management methods for accessing said remotely accessible methods; and

a network adaptor responsive to said client object, wherein said client object is configured to be instantiated by a client application for enabling said client application to access and modify said target object.

15(Amended). A remote access support mechanism at a first machine permitting remote access and modification from a client machine to a target object at a first machine via a telecommunications network, said remote access support mechanism comprising:

at least one target object;

at least one network adaptor supporting a network protocol;

said at least one target object and said at least one network adaptor being registerable with a framework at said first machine and said network adaptor being responsive to remote access requests from said client machine in accordance with said protocol to access and modify said target object via said framework.

17(Amended). A remote access support mechanism on a data carrier for a computer for permitting remote access and modification from a client machine to a target object at a first machine via a telecommunications network, said remote access support mechanism comprising:

at least one target object;

at least one network adaptor supporting a network protocol;
said at least one target object and said at least one network adaptor
being registerable with a framework at said first machine and said network
adaptor being responsive to remote access requests from said client machine
in accordance with said protocol to access and modify said target object via
said framework.

5 8/17
Q

18(New). A method of managing from a first virtual machine a
target object at a second virtual machine where the target object includes
features that can be manipulated programmatically by processes in the
second virtual machine, the method comprising:

registering the target object and a network adaptor for a network
protocol with a framework at the second virtual machine;

generating a client object on the first virtual machine forming a
representation of the target object, which client object is configured to identify
features of the target object that can be manipulated programmatically by
processes in the second virtual machine;

associating said client object with the network adaptor for the network
protocol at the first virtual machine; and

enabling a client application to manage the target object by
instantiating the client object.

REMARKS

Claims 1-17 remain in the patent application and new claim 18 is
added by this amendment. Claims 1, 2, 7, 15 and 17 are amended to more
distinctly describe the subject matter of applicant's invention. No new matter
is added by these amendments and the amendments are not intended to
affect the scope of the claims.

A. Rejections under 35 U.S.C. 103

Claims 1, 2, 7, 8, 15 and 17 were rejected under 35 U.S.C. 103 as
unpatentable over Hill et al in view of the CORBA specification. This rejection
is respectfully traversed.